

FIG. 1

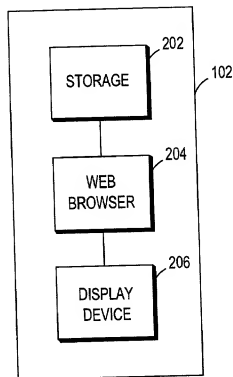
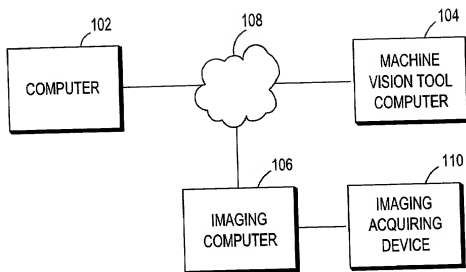


FIG. 2

FIG. 3

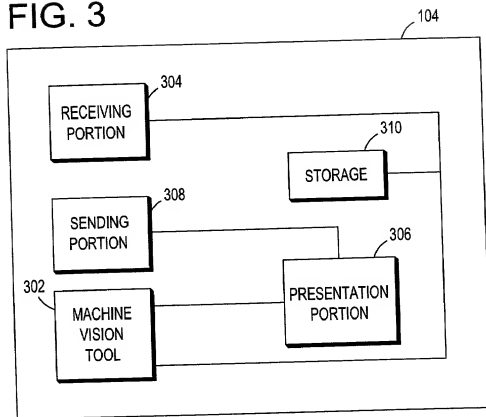


FIG. 4

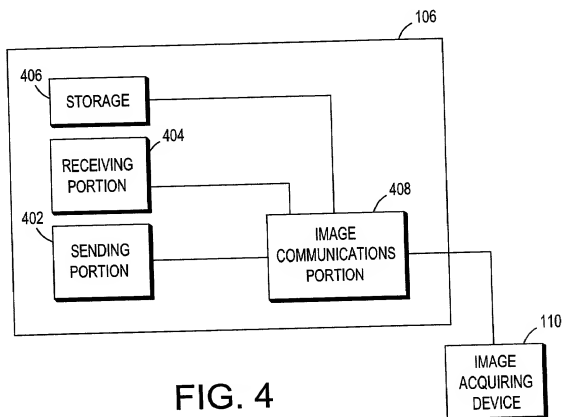


FIG. 5

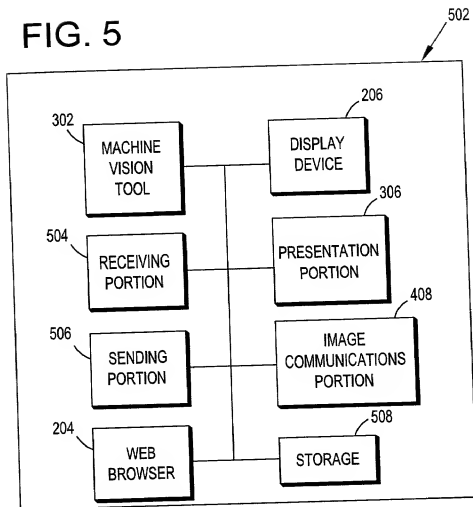


FIG. 6

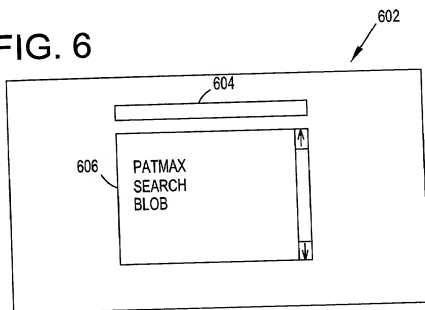


FIG. 7

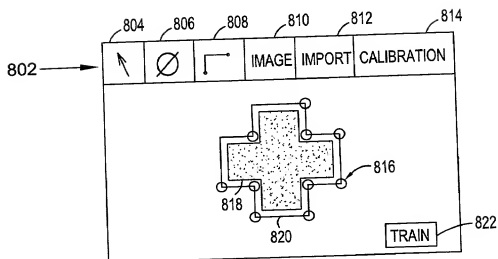
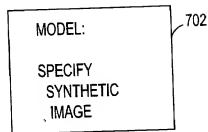


FIG. 8

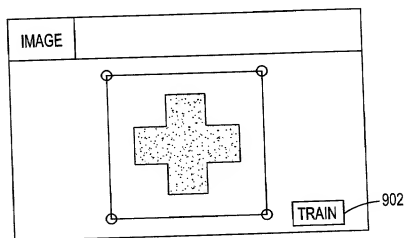


FIG. 9

FIG. 10

IMAGE SOURCE 1002

DATABASE X1
DATABASE X2
CAMERA 1 R15

NEW MODIFY DELETE

FIG. 12

SERVER: machine15.cognex.com 1202

DATABASE FILES 1204

QFP
FIDUCIAL (CROSS)
FIDUCIAL (CIRCLE)

SELECT 1206

FIG. 11

NEW IMAGE SOURCE

NAME: 1102

TYPE: DATABASE
CAMERA
URL
FILE

1104 CREATE

FIG. 13

SERVER: LOCAL 1302

CAMERA 1 /	FIDUCIAL
CAMERA 2	PART
CAMERA	LINE SCAN

1304

SELECT 1306

URL: http://mac.data.com/foo.gif

1402

FIG. 14

FILE: _____ 1504

1502

FIG. 15

MODEL: PATMAX

IMAGE SOURCE:

RUN PARAMETERS: 1604

DIAGNOSTICS: 1606

1602

FIG. 16

FIG. 17

PATMAX RUN PARAMETERS

NAME: MY PARAMETERS

ACCEPT THRESHOLD 0.5

CONTACT THRESHOLD 10

☒ SCORE USING CLUTTER

NUMBER TO FIND 1

TIMEOUT 1000ms

DOF	NORMAL	LOW	HIGH
<input checked="" type="checkbox"/> ANGLE	<u>0</u>	<u>-45</u>	<u>+45</u>
<input type="checkbox"/> UNIFORM SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> X SCALE	<u>0.9</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> Y SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>

OK ~ 1702

DIAGNOSTICS

NAME: GRAPHICS DIAGS.

☒ SHOW INPUTS

☒ SHOW OUTPUTS

☒ SHOW INTERMEDIATE STEPS

OK ~ 1802

FIG. 18

FIG. 19

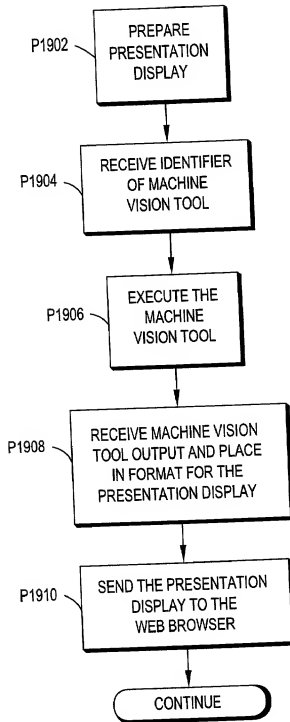


FIG. 20

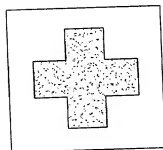


FIG. 21

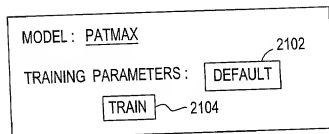


FIG. 22

PATMAX TRAINING PARAMETERS

NAME: TRAINING PARAMETERS

GRANULARITY _____

☐ INVERSE POLARITY

☐ AUTO SELECT GRAIN LIMITS

ELASTICITY _____

COURSE GRAIN LIMIT _____

FINE GRAIN LIMIT _____

OK ~ 2202